

ABSTRACT**METHOD FOR OBTAINING A SURFACE INACTIVATION OF A SOLID  
SUPPORT FOR BUILDING BIOCHIPS ARRAYS**

5

The present invention is related to a method for obtaining microarrays comprising the steps of :

- submitting the surface of a solid support to an oxidation of chemical groups present on said surface in order to allow the formation of aldehyde functions upon the surface of
- 10 said solid support,
- covalently binding upon said aldehyde functions capture molecules designed for the detection, the identification, the quantification and/or the recovery of complementary target biological or chemical molecules of interest; said covalent binding resulting in an array comprising a density of at least 4 or more discrete regions/cm<sup>2</sup> of solid support
- 15 surface, each of said discrete surface regions being bound with a species of capture molecules.

20 O:\DOCS\KRM\KRM-1106.DOC  
041001